

## CLAIMS

- [1] A hole inspection system for a pierced container for inspecting an outwardly opened hole formed in a flexible container, wherein the flexible  
5 container is pressed from outside to blow out a gas present within the container through the hole thereby to detect a jet pressure of the gas blown out through the hole by the pressing operation and to determine the size of the hole by comparing a detected value of the jet pressure in a predefined period while the jet pressure is rising with an upper limit pressure value  
10 corresponding to a maximum size of the hole and a lower limit pressure value corresponding to a minimum size of the hole.
- [2] A hole inspection system for the pierced container as claimed in Claim 1, wherein a pressure chamber is formed by a member making tight  
15 contact with container outer peripheries around the hole communicating with the hole, thereby to detect a pressure within the pressure chamber as the jet pressure of the gas.
- [3] A hole inspection system for the pierced container as claimed in  
20 Claim 1 or 2, wherein the pressing operation is executed with a medical fluid being present within the container.
- [4] A hole inspection system for the pierced container as claimed in Claim 1 or 2, wherein a reference pressure of a pressure detecting device  
25 for detecting the jet pressure is reset before executing the pressing operation.